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TECHNICAL DATA SHEET

TDS-ENZ265-EN · REV. 02 · 2026-11-03

Wool Protease – Anti-Felting & Anti-Pilling Enzyme

Wool protease enzyme for anti-felting and anti-pilling textile finishing of wool and wool-blended fabrics.

SKU **ENZ265** CATEGORY **PROTEASE** CATEGORY **PROTEASE** SECTOR **ENZYMES FOR TEXTILE INDUSTRY**

Industrial grade

Not restricted for transport

DECLARED ACTIVITY	OPTIMUM TEMPERATURE	OPTIMUM PH	SHELF LIFE
100,000 U/mL	**40 – 45°C**	**6.0 – 10.0**	**12 months**
as stated on the product page	no working range stated	no working range stated	sealed, see storage below

SPECIFICATION

IDENTITY	
Product type	Proteolytic enzyme preparation for wool finishing Typical
PHYSICAL	
Appearance	Light amber liquid Typical
ACTIVITY	
Declared activity	**100,000 U/mL** Typical
WORKING WINDOW	
Optimal pH range	6.0 – 10.0 Typical
Optimal temperature	40 – 45°C Typical
Processing time	30 – 60 minutes Typical

Spec = release limit, confirmed on every lot's Certificate of Analysis. **Typical** = normal product behaviour, not a release limit.

STORAGE & PACKAGING

SHELF LIFE
12 months

STORAGE
Cool, dry, ventilated place below 30°C; keep away from direct sunlight and freezing

PACK SIZE
1 kg aluminum foil bag

ORDERING
Online or by e-mail; current price on the product page

APPLICATIONS

Bio-finish wool knitwear, sweaters and woven fabrics.
Reduces felting shrinkage and pilling.

Pre-treat wool before anti-felting and anti-pilling processes.
Supports anti-felting and anti-pilling performance.

Improve handle softness, whiteness and dyeability.
Gives a softer, brighter and more dyeable wool surface.

Treat pure wool and wool-blended textiles.
Suits both pure wool and wool blends.

DOSAGE

0.04–0.05%
on fabric weight

Temperature	**40 – 45°C**
Processing time	**30 – 60 minutes**

Rate depends on fabric structure, wool type and finishing process.
Run preliminary trials to determine optimal rate and conditions.

Each lot is released against its specification; the lot Certificate of Analysis reports the measured values.

enzymes.bio · Level 1, 6 Johnsonville Road, Wellington 6037, New Zealand · **Tel (USA) +1 (507) 428-6057** · wholesale@enzymes.bio

Online: enzymes.bio/product/wool-protease-anti-felting-anti-pilling-enzyme-for-wool-finishing

Avoid direct contact with skin or eyes; rinse immediately with plenty of water after accidental contact. This technical data sheet gives the product specification and typical values; it is not a batch certificate. A Certificate of Analysis for the supplied lot accompanies each shipment. Safety Data Sheet on request.

SCAN TO ORDER